INTERMATIONAL SEARCH REPORT

Application No Internatio PCT/EP 03/04641

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 CO7K7/06 CO7K C07K7/08 C07K14/00 According to International Patent Classification (IPC) or to both national classification and IPC Minimum documentation searched (classification system followed by classification symbols) IPC 7 C07K Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) CHEM ABS Data, BIOSIS, EPO-Internal, WPI Data C. DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages Category ° Relevant to claim No. Ε WO 03 54000 A (POLYPHOR & UNIVERSITÄT 1 - 39ZÜRICH) 3 July 2003 (2003-07-03) the whole document X S C SHANKARAMMA ET AL.: "Macrocyclic 1 - 39hairpin mimetics of the cationic antimicrobial peptide protegrin I: a new family of broad-spectrum antibiotics" CHEMBIOCHEM - A EUROPEAN JOURNAL OF CHEMICAL BIOLOGY., vol. 3, 2002, pages 1126-1133, XP002272157 WILEY VCH, WEINHEIM., DE ISSN: 1439-4227 the whole document WO 02 70547 A (POLYPHOR & UNIVERSITÄT X 1 - 39ZÜRICH) 12 September 2002 (2002-09-12) the whole document Further documents are listed in the continuation of box C. X Patent family members are listed in annex. Special categories of cited documents: *T* later document published after the international filing date "A" document defining the general state of the art which is not considered to be of particular relevance or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-"O" document referring to an oral disclosure, use, exhibition or ments, such combination being obvious to a person skilled document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 2 March 2004 18/03/2004 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentlaan 2

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C.(Continu Category °	ation) DOCUMENTS CONSIDERED TO BE RELEVANT			
Calegory	Citation of document, with Indication, where appropriate, of the relevant passages	Relevant to claim No.		
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X	H TAMAMURA ET AL.: "Certification of the critical importance of a L-3-(2-naphthyl)alanine at position 3 of a sepcific CXCR4 inhibitor, T140, leads to an exploratory performance of its downsizing study" BIOORGANIC & MEDICINAL CHEMISTRY., vol. 10, no. 5, May 2002 (2002-05), pages 1417-1426, XP002265745 ELSEVIER SCIENCE LTD., GB ISSN: 0968-0896 the whole document	1-39		
X	J A ROBINSON: "The design, synthesis and conformation of some new beta-hairpin mimetics: novel reagents for drug and vaccine discovery" SYNLETT, vol. 4, 1999, pages 429-441, XP001080054 THIEME VERLAG, STUTTGART., DE ISSN: 0936-5214 the whole document	1-39		
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X	D OBRECHT ET AL.: "Novel peptidemimetic building blocks and strategies for efficient lead finding "ADVANCES IN MEDICINAL CHEMISTRY, vol. 4, 1999, pages 1-68, XP002137026 JAI PRESS,, US the whole document	1-39
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	ation) DOCUMENTS CONSIDERED TO BE RELEVANT		
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X	K SATO ET AL.: "Solid phase synthesis of human growth hormone-releasing factor analogs containing a bicyclic beta-turn dipeptide" INTERNATIONAL JOURNAL OF PEPTIDE AND PROTEIN RESEARCH., vol. 38, no. 4, April 1991 (1991-04), pages 340-345, XP000229209 MUNKSGAARD, COPENHAGEN., DK ISSN: 0367-8377 the whole document		1-39
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INTERNATIONAL SEARCH REPORT

International application No. PCT/EP 03/04641

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
2. X Claims Nos.: 1-17, 29-39 because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically: see FURTHER INFORMATION sheet PCT/ISA/210
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)
This international Searching Authority found multiple inventions in this international application, as follows:
1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark on Protest The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box I.2

Claims Nos.: 1-17, 29-39

Present claims 1-17 and 29-39 relate to an extremely large number of possible compounds and methods to prepare and use them. Support within the meaning of Article 6 PCT and/or disclosure within the meaning of Article 5 PCT is to be found, however, for only a very small proportion of the compounds and methods claimed. In the present case, the claims so lack support, and the application so lacks disclosure, that a meaningful search over the whole of the claimed scope is impossible. Consequently, the search has been carried out for those parts of the claims which appear to be supported and disclosed, namely those parts relating to the compounds as listed in claims 18-28 and methods based on them. Moreover, all real examples not specifically claimed have been searched.

The applicant's attention is drawn to the fact that claims, or parts of claims, relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure.

INTERNATIONAL SEARCH REPORT

Information on patent family members

Internatio Application No
PCT/EP 03/04641

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Form PCT/ISA/210 (patent family annex) (July 1992)